

Comparisons of Job Characteristics

Focus Occupation: [Medical and Clinical Laboratory Technicians \(29-2012\)](#)

Associated Occupation: [Health Technologists and Technicians, All Other \(29-2099\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 60

Focus Occupation: Medical and Clinical Laboratory Technicians (29-2012)
Associated Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Customer and Personal Service	11.3	15.5	12.9	< Expanded education and/or training may be required
Medicine and Dentistry	3.7	15.1	12.8	< Expanded education and/or training may be required
Psychology	6.4	10.5	7.5	<< Extensive education and/or training may be required
Biology	3.7	8.0	12.3	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Medical and Clinical Laboratory Technicians (29-2012)
Associated Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Social Perceptiveness	9.1	11.3	7.7	<< Extensive development of skills in this area may be required
Service Orientation	7.9	10.4	7.6	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Medical and Clinical Laboratory Technicians (29-2012)
Associated Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Problem Sensitivity	11.1	13.5	11.8	<	Some improvement in abilities may be required
Information Ordering	9.9	10.9	11.2	0	Current ability level may be sufficient
Selective Attention	8.7	9.7	9.1	0	Current ability level may be sufficient
Finger Dexterity	7.6	9.2	11.0	>	Current ability level is likely sufficient
Visual Color Discrimination	6.4	8.3	9.3	>	Current ability level is likely sufficient
Time Sharing	6.6	7.5	7.2	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 53

Focus Occupation: Medical and Clinical Laboratory Technicians (29-2012)
Associated Occupation: Health Technologists and Technicians, All Other (29-2099)

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Diagnostic assessment and exam products for general use	21
Indicating and recording instruments	2
Industry specific software	1
Laboratory microscope slides and supplies	20
Light and wave generating and measuring equipment	4
Specimen collection and transport containers and supplies	14
Syringes and accessories	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.